

## **Quarter Technical Report**

### **Post Waterflood CO<sub>2</sub> Miscible Flood in Light Oil Fluvial - Dominated Deltaic Reservoirs.**

**DE - FC22 - 93BC14960**

**Texaco Exploration & production Inc.**

**August 15, 1997**

**Award Date: June 1, 1993**

**Completion Date: December 31, 1997**

**Government Award for Current Fiscal Year**

**\$523,000.00**

**Project Manager (Texaco) : Tim Tipton**  
**COR (DOE) : Chandra Nautiyal**  
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**Reporting Period : April 1 Through June 30, 1997**

US. DOE patent Clearance is not required prior to the publication of this document

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Post Waterflood CO<sub>2</sub> Miscible Flood in Light Oil  
Fluvial-Dominated Deltaic Reservoirs

“DE - FC22 - 93BC14960”  
Technical Progress Report

Third Quarter, 1997

Executive Summary.

Only one well remains on production in the Port Neches CO<sub>2</sub> project; Kuhn #14. Production from this project is approaching economic limit and the project is nearing termination at this point. The workover to return Kuhn #38 to production failed and the well is currently shut in. All produced CO<sub>2</sub> is currently being reinjected in the reservoir. The CO<sub>2</sub> recycled volume is 2 MMCFD.

Third Quarter 1997, Objectives.

\* Monitor reservoir performance, and evaluate the project economics .

No change in project operation since the second quarter report. The project is at a negative cash flow because of the workover failure at Kuhn #38.

Discussion of Results - Field Operations.

The following is a list of the most recent well test taken during the month of June 1997, for the producing and injection wells:

Producer: Kuhn #14, 18 BOPD, 98 % BS&W, 400 PSI, 36 CK.

Injection: 2,008 MCFD of produced gas is being reinjected.

The Financial Status Report, Management Summary, Milestone Schedule and Federal Transaction Report are included in this report.

Discussion of Results - Technology Transfer.

No technology transfer activities is taking place during this period.

Fourth Quarter 1997, Objectives.

\* Monitor reservoir performance, and evaluate the project termination.

# PORT NECHES CO2 PROJECT ALLOCATED PRODUCTION

